

Connecting via Winsock to STN
Welcome to STN International Enter x:x
***** Welcome to STN International *****
***** STN Columbus *****

FILE 'HOME' ENTERED AT 17:13:29 ON 16 SEP 2003

```
=> file CAPLUS
=> s sodium-calcium exchanger OR sodium-calcium pump
    900437 SODIUM
      33 SODIUMS
    900446 SODIUM
      (SODIUM OR SODIUMS)
    659675 CALCIUM
      31 CALCIUMS
    659678 CALCIUM
      (CALCIUM OR CALCIUMS)
    88349 EXCHANGER
    73788 EXCHANGERS
    120140 EXCHANGER
      (EXCHANGER OR EXCHANGERS)
    701 SODIUM-CALCIUM EXCHANGER
      (SODIUM(W)CALCIUM(W)EXCHANGER)
    900437 SODIUM
      33 SODIUMS
    900446 SODIUM
      (SODIUM OR SODIUMS)
    659675 CALCIUM
      31 CALCIUMS
    659678 CALCIUM
      (CALCIUM OR CALCIUMS)
    98346 PUMP
    32799 PUMPS
    113080 PUMP
      (PUMP OR PUMPS)
    8 SODIUM-CALCIUM PUMP
      (SODIUM(W)CALCIUM(W)PUMP)
L1      709 SODIUM-CALCIUM EXCHANGER OR SODIUM-CALCIUM PUMP
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=> S L1 AND mammalian
    177990 MAMMALIAN
    206 MAMMALIANS
    178138 MAMMALIAN
      (MAMMALIAN OR MAMMALIANS)
L2      77 L1 AND MAMMALIAN
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=> D L2 1-77

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L2  ANSWER 1 OF 77  CAPLUS  COPYRIGHT 2003 ACS on STN
AN  2003:579503  CAPLUS
TI  ***sodium*** / ***calcium***      ***Exchanger***  (NCX1)
    Macromolecular Complex
AU  Schulze, Dan H.; Muqhal, Muqeen; Lederer, W. Jon; Ruknudin, Abdul M.
CS  Medical Biotechnology Center, School of Medicine, Department of
    Microbiology and Immunology, University of Maryland Biotechnology
    Institute, University of Maryland, Baltimore, MD, 21201, USA
SO  Journal of Biological Chemistry (2003), 278(31), 28849-28855
    CODEN: JBCHA3; ISSN: 0021-9258
PB  American Society for Biochemistry and Molecular Biology
DT  Journal
LA  English
RE.CNT 72  THERE ARE 72 CITED REFERENCES AVAILABLE FOR THIS RECORD
      ALL CITATIONS AVAILABLE IN THE RE FORMAT
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L2  ANSWER 2 OF 77  CAPLUS  COPYRIGHT 2003 ACS on STN
AN  2003:212660  CAPLUS
DN  139:115085
TI  Stretch-dependent slow force response in isolated rabbit myocardium is Na+
    dependent
AU  von Lewinski, Dirk; Stumme, Burkhard; Maier, Lars S.; Luers, Claus; Bers,
    Donald M.; Pieske, Burkert
CS  Department of Cardiology and Pneumology, Georg-August-University,
    Gottingen, 37075, Germany
SO  Cardiovascular Research (2003), 57(4), 1052-1061
    CODEN: CVREAU; ISSN: 0008-6363
PB  Elsevier Science B.V.
```

DT Journal

LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:128235 CAPLUS

DN 139:33614

TI K⁺-dependent Na⁺/Ca²⁺ exchangers in the brain

AU Lytton, Jonathan; Li, Xiao-Fang; Dong, Hui; Kraev, Alexander
CS Cardiovascular Research Group, Departments of Biochemistry & Molecular
Biology and Physiology & Biophysics, University of Calgary, Calgary, AB,
T2N 4N1, Can.

SO Annals of the New York Academy of Sciences (2002), 976(Cellular and
Molecular Physiology of Sodium-Calcium Exchange), 382-393

CODEN: ANYAA9; ISSN: 0077-8923

PB New York Academy of Sciences

DT Journal; General Review

LA English

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:128215 CAPLUS

DN 138:382279

TI Potassium-dependent sodium-calcium exchange through the eye of the fly

AU Webel, R.; Haug-Collet, K.; Pearson, B.; Szerencsei, R. T.; Winkfein, R.
J.; Schnetkamp, P. P. M.; Colley, N. J.

CS Department of Ophthalmology & Visual Science, and Department of Genetics,
University of Wisconsin, Madison, WI, 53792, USA

SO Annals of the New York Academy of Sciences (2002), 976(Cellular and
Molecular Physiology of Sodium-Calcium Exchange), 300-314

CODEN: ANYAA9; ISSN: 0077-8923

PB New York Academy of Sciences

DT Journal; General Review

LA English

RE.CNT 74 THERE ARE 74 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:128196 CAPLUS

TI Phosphorylation of the Na⁺/Ca²⁺ exchangers by PKA

AU Ruknudin, A.; Schulze, D. H.

CS Department of Microbiology and Immunology, University of Maryland,
Baltimore, MD, 21201, USA

SO Annals of the New York Academy of sciences (2002), 976(Cellular and
Molecular Physiology of Sodium-Calcium Exchange), 209-213

CODEN: ANYAA9; ISSN: 0077-8923

PB New York Academy of Sciences

DT Journal

LA English

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 6 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:933339 CAPLUS

DN 138:216196

TI Molecular Cloning of a Fourth Member of the Potassium-dependent
sodium - ***calcium*** ***Exchanger*** Gene Family, NCKX4

AU Li, Xiao-Fang; Kraev, Alexander S.; Lytton, Jonathan

CS Department of Biochemistry and Molecular Biology, University of Calgary,
Calgary, AB, T2N 4N1, Can.

SO Journal of Biological Chemistry (2002), 277(50), 48410-48417

CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:864380 CAPLUS

DN 137:346217

TI Targeting the reverse mode of the ***sodium*** / ***calcium***
exchanger for the treatment of optic neuropathy associated with
glaucoma and ischemic optic neuropathy

IN Adorante, Joseph S.; Ehring, George R.; Kopper, Kara L.
PA Allergan, Inc., USA
SO U.S., 6 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6479458	B1	20021112	US 2001-5829	20011108
	WO 2003039573	A1	20030515	WO 2002-US32651	20021011
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2001-5829	A	20011108		
RE.CNT	18	THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD			
		ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L2 ANSWER 8 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:853922 CAPLUS
DN 138:268979
TI ***Sodium*** / ***calcium*** ***exchanger*** subtypes NCX1, NCX2 and NCX3 show cell-specific expression in rat hippocampus cultures
AU Thurneysen, Thomas; Nicoll, Debora A.; Philipson, Kenneth D.; Porzig, Hartmut
CS Pharmakologisches Institut, Universitat Bern, Bern, CH 3010, Switz.
SO Molecular Brain Research (2002), 107(2), 145-156
CODEN: MBREE4; ISSN: 0169-328X
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 9 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:714221 CAPLUS
DN 137:243150
TI Protein and cDNA sequences of a novel human calcium-sodium-exchanging protein sequence homolog and therapeutic uses thereof
IN Curtis, Rory A. J.
PA Millenium Pharmaceuticals, Inc., USA
SO Eur. Pat. Appl., 61 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1241260	A1	20020918	EP 2002-251810	20020312
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	US 2002132303	A1	20020919	US 2002-94214	20020308
PRAI	US 2001-275078P	P	20010312		
RE.CNT	1	THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD			
		ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L2 ANSWER 10 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:679379 CAPLUS
DN 138:20948
TI Ionic ligand interactions with the intracellular loop of the ***sodium*** - ***calcium*** ***exchanger*** . Modulation by ATP
AU DiPolo, Reinaldo; Beauge, Luis
CS Laboratorio de Permeabilidad Ionica, IVIC, Centro de Biofisica y Bioquimica, Caracas, 1020 A, Venez.
SO Progress in Biophysics & Molecular Biology (2002), 80(1-2), 43-67
CODEN: PBIMAC; ISSN: 0079-6107
PB Elsevier Science Ltd.
DT Journal; General Review
LA English

RE.CNT 74 THERE ARE 74 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 11 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:670294 CAPLUS
DN 138:21066
TI Determinants of cardiac Na⁺/Ca²⁺ exchanger temperature dependence:
NH₂-terminal transmembrane segments
AU Marshall, Christian; Elias, Chadwick; Xue, Xiao-Hua; Le, Hoa Dinh;
Omelchenko, Alexander; Hryshko, Larry V.; Tibbits, Glen F.
CS Cardiac Membrane Research Laboratory, Simon Fraser University, Burnaby,
BC, V5A 1S6, Can.
SO American Journal of Physiology (2002), 283(2, Pt. 1), C512-C520
CODEN: AJPHAP; ISSN: 0002-9513
PB American Physiological Society
DT Journal
LA English

RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 12 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:635160 CAPLUS
DN 138:150627
TI MgATP and phosphoinositides activate Na⁺/Ca²⁺ exchange in bovine brain
vesicles. Comparison with other Na⁺/Ca²⁺ exchangers
AU Berberian, Graciela; Asteggiano, Carla; Pham, Cuong; Roberts, Shirley;
Beauge, Luis
CS Laboratorio de Biofisica, Instituto de Investigacion Medica Mercedes y
Martin Ferreyra, Cordoba, 5000, Argent.
SO Pfluegers Archiv (2002), 444(5), 677-684
CODEN: PFLABK; ISSN: 0031-6768
PB Springer-Verlag
DT Journal
LA English

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 13 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:575240 CAPLUS
DN 137:136136
TI Human ion exchanger proteins, cDNA and protein sequences, and use thereof
IN Friddle, Carl Johan; Hilbun, Erin
PA Lexicon Genetics Incorporated, USA
SO PCT Int. Appl., 42 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002059316	A2	20020801	WO 2002-US1817	20020122
	WO 2002059316	A3	20030227		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002132998	A1	20020919	US 2002-54680	20020122
PRAI	US 2001-263384P	P	20010123		

L2 ANSWER 14 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:511058 CAPLUS
DN 137:335471
TI Developmental changes of Ca²⁺ handling in mouse ventricular cells from
early embryo to adulthood
AU Liu, Weiran; Yasui, Kenji; Ophhof, Tobias; Ishiki, Ryoji; Lee, Jong-Kook;
Kamiya, Kaichiro; Yokota, Mitsuhiro; Kodama, Itsuo
CS Research Institute of Environmental Medicine, Department of Circulation,
Nagoya University, Nagoya, 464-8601, Japan
SO Life Sciences (2002), 71(11), 1279-1292
CODEN: LIFSAK; ISSN: 0024-3205
PB Elsevier Science Inc.

DT Journal

LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 15 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:469464 CAPLUS

DN 137:245113

TI Contribution of Ca²⁺ transporters to relaxation in intact ventricular myocytes from developing rats

AU Bassani, Rosana A.; Bassani, Jose W. M.

CS Centro de Engenharia Biomedica and Departamento de Engenharia Biomedica/Faculdade de Engenharia Eletrica e de Computacao, Universidade Estadual de Campinas, Campinas, 13083-971, Brazil

SO American Journal of Physiology (2002), 282(6, Pt. 2), H2406-H2413

CODEN: AJPAP; ISSN: 0002-9513

PB American Physiological Society

DT Journal

LA English

RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 16 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:402861 CAPLUS

DN 137:182837

TI Na⁺/Ca²⁺ exchanger expression in the developing rat cortex

AU Gibney, G. T.; Zhang, J. H.; Douglas, R. M.; Haddad, G. G.; Xia, Y.

CS Department of Pediatrics, Yale University School of Medicine, New Haven, CT, 06520, USA

SO Neuroscience (Oxford, United Kingdom) (2002), 112(1), 65-73

CODEN: NRSCDN; ISSN: 0306-4522

PB Elsevier Science Ltd.

DT Journal

LA English

RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 17 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:226064 CAPLUS

DN 136:398962

TI Role of the Na⁺-Ca²⁺ exchanger as an alternative trigger of CICR in ***mammalian*** cardiac myocytes

AU Han, Chunlei; Tavi, Pasi; Weckstrom, Matti

CS Department of Physical Sciences/Division of Biophysics, Department of Physiology, University of Oulu, Oulu, 90014, Finland

SO Biophysical Journal (2002), 82(3), 1483-1496

CODEN: BIOJAU; ISSN: 0006-3495

PB Biophysical Society

DT Journal

LA English

RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 18 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:204434 CAPLUS

DN 136:383448

TI Effects of different inotropic interventions on myocardial function in the developing rabbit heart

AU Schiffmann, Holger; Flesch, Markus; Hauseler, Claudia; Pfahlberg, Annette; Bohm, Michael; Hellige, Gerhard

CS Department of Pediatrics, University of Gottingen, Gottingen, 37075, Germany

SO Basic Research in Cardiology (2002), 97(1), 76-87

CODEN: BRCAB7; ISSN: 0300-8428

PB Steinkopff Verlag

DT Journal

LA English

RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 19 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:184582 CAPLUS

DN 136:367600

TI ***Sodium*** ***calcium*** ***exchanger*** plays a key role in alteration of cardiac function in response to pressure overload

AU Takimoto, Eiki; Yao, Atsushi; Toko, Haruhiro; Takano, Hiroyuki; Shimoyama,

Masaki; Sonoda, Makoto; Wakimoto, Koji; Takahashi, Toshiyuki; Akazwa, Hiroshi; Mizukami, Mitsuaki; Nacai, Toshio; Nagai, Ryozi; Kuro, Issei
CS Dep. Cardiovasc. Med., Univ. Tokyo Grad. Sch. Med., Tokyo, 113-8655, Japan
SO FASEB Journal (2002), 16(3), 373-378
CODEN: FAJOEC; ISSN: 0892-6638
PB Federation of American Societies for Experimental Biology
DT Journal
LA English
RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 20 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:106708 CAPLUS
DN 136:322400
TI Removal of intracellular Mg²⁺ activates cardiac Na⁺/Ca²⁺ exchanger
AU Kiyosue, Tatsuto
CS Department of Physiology, Oita Medical University, Oita, Hasama, 879-5593, Japan
SO Cardiovascular Research (2002), 53(2), 290-291
CODEN: CVREAU; ISSN: 0008-6363
PB Elsevier Science B.V.
DT Journal; General Review
LA English
RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 21 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:817533 CAPLUS
DN 136:83319
TI The role of Na⁺/Ca²⁺ exchanger in osteoclast differentiation
AU Amano, Hitoshi; Suzuki, Keiko; Yamada, Shoji
CS Department of Pharmacology, Showa University School of Dentistry, Tokyo, 142-8555, Japan
SO Showa Shigakkai Zasshi (2001), 21(1), 82-85
CODEN: SSZADC; ISSN: 0285-922X
PB Showa Daigaku Showa Shigakkai
DT Journal
LA Japanese

L2 ANSWER 22 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:694398 CAPLUS
DN 135:340543
TI Temperature dependence of cloned ***mammalian*** and salmonid cardiac Na⁺/Ca²⁺ exchanger isoforms
AU Elias, Chadwick L.; Xue, Xiao-Hua; Marshall, Christian R.; Omelchenko, Alexander; Hryshko, Larry V.; Tibbits, Glen F.
CS Institute of Cardiovascular Sciences, St. Boniface General Hospital Research Centre, The University of Manitoba, Winnipeg, MB, R2H 2A6, Can.
SO American Journal of Physiology (2001), 281(3, Pt. 1), C993-C1000
CODEN: AJPHAP; ISSN: 0002-9513
PB American Physiological Society
DT Journal
LA English
RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 23 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:654233 CAPLUS
DN 135:286351
TI Expression of Na⁺/Ca²⁺ exchanger (NCX1) gene in the developmental mouse embryo and adult mouse brain
AU Wakimoto, K.; Kuro-o, M.; Yanaka, N.; Komuro, I.; Nabeshima, Y.-i.; Imai, Y.
CS Discovery Research Laboratory, Tanabe Seiyaku Co., Ltd, Osaka, Yodogawa-ku, 532-8505, Japan
SO Comparative Biochemistry and Physiology, Part B: Biochemistry & Molecular Biology (2001), 130B(2), 191-198
CODEN: CBPBB8; ISSN: 1096-4959
PB Elsevier Science Inc.
DT Journal
LA English
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 24 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:587549 CAPLUS

DN 135:301474
TI Targeted inactivation of the ***sodium*** - ***calcium***
exchanger (NCX1) results in the lack of a heartbeat and abnormal
myofibrillar organization
AU Koushik, Srinagesh V.; Wang, Jian; Rogers, Rhonda; Moskopidhis, Demetrius;
Lambert, Nevin A.; Creazzo, Tony L.; Conway, Simon J.
CS Institute of Molecular Medicine and Genetics, Medical College of Georgia,
Augusta, GA, USA
SO FASEB Journal (2001), 15(7), 1209-1211, 10.1096/fj.00-0696fje
CODEN: FAJOEC; ISSN: 0892-6638
PB Federation of American Societies for Experimental Biology
DT Journal
LA English
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 25 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:460560 CAPLUS
DN 135:208466
TI Analysis of Na⁺/Ca²⁺ exchanger knockout mice
AU Takimoto, Eiki
CS Department of Cardiovascular Medicine, Graduate School of Medicine,
University of Tokyo, Japan
SO Clinical Calcium (2001), 11(6), 749-757
CODEN: CLCCEJ; ISSN: 0917-5857
PB Iyaku Janarusha
DT Journal; General Review
LA Japanese

L2 ANSWER 26 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:301587 CAPLUS
DN 134:364699
TI Expression of the Na⁺/Ca²⁺ exchanger in skeletal muscle
AU Fraysse, Bodvaël; Rouaud, Thierry; Millour, Marie; Fontaine-Perus,
Josiane; Gardahaut, Marie-France; Levitsky, Dmitri O.
CS Faculté des Sciences et des Techniques, Université de Nantes, Nantes, Fr.
SO American Journal of Physiology (2001), 280(1, Pt. 1), C146-C154
CODEN: AJPHAP; ISSN: 0002-9513
PB American Physiological Society
DT Journal
LA English
RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 27 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:105893 CAPLUS
DN 135:148088
TI Isolation and characterization of Na⁺/Ca²⁺ exchanger gene and splicing
isoforms in mice
AU Wakimoto, Koji; Kuro-o, Makoto; Yanaka, Noriyuki; Omori, Kenji; Komuro,
Issei; Imai, Yuji; Nabeshima, Yo-Ichi
CS Advanced Medical Research Department, Tanabe Seiyaku Co. Ltd., Osaka,
532-8505, Japan
SO DNA Sequence (2000), 11(1-2), 75-81
CODEN: DNSEES; ISSN: 1042-5179
PB Harwood Academic Publishers
DT Journal
LA English
RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 28 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:812897 CAPLUS
DN 134:67591
TI In squid nerves intracellular Mg²⁺ promotes deactivation of the
ATP-upregulated Na⁺/Ca²⁺ exchanger
AU DiPolo, Reinaldo; Berberian, Graciela; Beauge, Luis
CS Laboratorio de Permeabilidad Iónica, Centro de Biofísica y Bioquímica,
Instituto Venezolano de Investigaciones Científicas, Caracas, 1020-A,
Venez.
SO American Journal of Physiology (2000), 279(5, Pt. 1), C1631-C1639
CODEN: AJPHAP; ISSN: 0002-9513
PB American Physiological Society
DT Journal
LA English
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 29 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:488270 CAPLUS
 DN 133:190902
 TI Calcineurin controls the transcription of Na⁺/Ca²⁺ exchanger isoforms in developing cerebellar neurons
 AU Li, Lei; Guerini, Danilo; Carafoli, Ernesto
 CS Institute of Biochemistry, Swiss Federal Institute of Technology, Zurich, 8092, Switz.
 SO Journal of Biological Chemistry (2000), 275(27), 20903-20910
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 DT Journal
 LA English
 RE.CNT 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 30 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:278904 CAPLUS
 DN 133:14879
 TI Cloning and characterization of a potassium-dependent *****sodium***** / *****calcium***** *****exchanger***** in Drosophila
 AU Haug-Collet, K.; Pearson, B.; Webel, R.; Szerencsei, R. T.; Winkfein, R. J.; Schnetkamp, P. P. M.; Colley, N. J.
 CS Department of Ophthalmology and Visual Sciences, Department of Genetics, University of Wisconsin, Madison, WI, 53706, USA
 SO Journal of Cell Biology (1999), 147(3), 659-669
 CODEN: JCLBA3; ISSN: 0021-9525
 PB Rockefeller University Press
 DT Journal
 LA English
 RE.CNT 82 THERE ARE 82 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 31 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:207782 CAPLUS
 DN 132:332359
 TI Molecular cloning and functional expression of the potassium-dependent *****sodium***** - *****calcium***** *****exchanger***** from human and chicken retinal cone photoreceptors
 AU Prinsen, Clemens F. M.; Szerencsei, Robert T.; Schnetkamp, Paul P. M.
 CS Department of Physiology and Biophysics and the Medical Research Council Group on Ion Channels and Transporters, Faculty of Medicine, University of Calgary, Calgary, AB, T2N 4N1, Can.
 SO Journal of Neuroscience (2000), 20(4), 1424-1434
 CODEN: JNRSDS; ISSN: 0270-6474
 PB Society for Neuroscience
 DT Journal
 LA English
 RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L2 ANSWER 32 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:182644 CAPLUS
 DN 132:320128
 TI Cytosolic Ca²⁺ concentration during Ca²⁺ depletion of isolated rat hearts
 AU Jansen, Maurits A.; Badlou, Bahram Alamdary; Van Echteld, Cees J. A.; Ruigrok, Tom J. C.
 CS Department of Cardiology, Heart Lung Institute, University Hospital, Utrecht, 3508, Neth.
 SO Molecular and Cellular Biochemistry (2000), 203(1&2), 169-175
 CODEN: MCBIB8; ISSN: 0300-8177
 PB Kluwer Academic Publishers
 DT Journal
 LA English
 RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 33 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:139751 CAPLUS
 DN 132:320049
 TI Expression of the *****sodium***** / *****calcium***** *****Exchanger***** in *****Mammalian***** Skeletal Muscle Cells in Primary Culture
 AU Deval, Emmanuel; Levitsky, Dmitri O.; Constantin, Bruno; Raymond, Guy; Cognard, Christian

CS Biomembranes and Cell Signaling Laboratory, UMR CNRS/University of
Poitiers No. 6558, Poitiers, 86022, Fr.
SO Experimental Cell Research (2000), 255(2), 291-302
CODEN: ECREAL; ISSN: 0014-4827
PB Academic Press
DT Journal
LA English

RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 34 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:112627 CAPLUS
DN 132:291544
TI Gene expression of Na⁺/Ca²⁺ exchanger during development in human heart
AU Qu, Y.; Ghatpande, A.; El-Sherif, N.; Boutjdir, M.
CS Department of Medicine, Cardiology Division, V.A. Medical Center and SUNY
Health Science Center, Brooklyn, NY, USA
SO Cardiovascular Research (2000), 45(4), 866-873
CODEN: CVREAU; ISSN: 0008-6363
PB Elsevier Science B.V.
DT Journal
LA English

RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 35 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:38643 CAPLUS
DN 132:177187
TI Minimal domain requirement for cation transport by the potassium-dependent
Na/Ca-K exchanger. Comparison with an NCKX paralog from *Caenorhabditis*
elegans
AU Szerencsei, Robert T.; Tucker, Joseph E.; Cooper, Conan B.; Winkfein,
Robert J.; Farrell, Patrick J.; Iatrou, Kostas; Schnetkamp, Paul P. M.
CS Departments of Physiology and Biophysics, Medical Research Council Group
on Ion Channels and Transporters, University of Calgary, Calgary, AB, T2N
4N1, Can.
SO Journal of Biological Chemistry (2000), 275(1), 669-676
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 36 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:714028 CAPLUS
DN 132:21217
TI Cloning, expression, and characterization of the trout cardiac Na⁺/Ca²⁺
exchanger
AU Xue, Xiao-Hua; Hryshko, Larry V.; Nicoll, Debora A.; Philipson, Kenneth
D.; Tibbits, Glen F.
CS Cardiac Membrane Research Laboratory, Simon Fraser University, Burnaby,
BC, V5A 1S6, Can.
SO American Journal of Physiology (1999), 277(4, Pt. 1), C693-C700
CODEN: AJPHAP; ISSN: 0002-9513
PB American Physiological Society
DT Journal
LA English

RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 37 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1998:724689 CAPLUS
DN 130:79123
TI Protein Kinase C-Dependent Regulation of Na⁺/Ca²⁺ Exchanger Isoforms NCX1
and NCX3 Does Not Require Their Direct Phosphorylation
AU Iwamoto, Takahiro; Pan, Yan; Nakamura, Tomoe Y.; Wakabayashi, Shigeo;
Shigekawa, Munekazu
CS Department of Molecular Physiology, National Cardiovascular Center
Research Institute, Osaka, 565, Japan
SO Biochemistry (1998), 37(49), 17230-17238
CODEN: BICHAW; ISSN: 0006-2960
PB American Chemical Society
DT Journal
LA English

RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 38 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:544711 CAPLUS
 DN 129:258144
 TI Differential inhibition of Na⁺/Ca²⁺ exchanger isoforms by divalent cations and isothioureia derivative
 AU Iwamoto, Takahiro; Shigekawa, Munekazu
 CS Department of Molecular Physiology, National Cardiovascular Center Research Institute, Suita, 565, Japan
 SO American Journal of Physiology (1998), 275(2, Pt. 1), C423-C430
 CODEN: AJPHAP; ISSN: 0002-9513
 PB American Physiological Society
 DT Journal
 LA English
 RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 39 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:494700 CAPLUS
 DN 129:198480
 TI Thyroid control of sarcolemmal Na⁺/Ca²⁺ exchanger and SR Ca²⁺-ATPase in developing rat heart
 AU Cernohorsky, Jan; Kolar, Frantisek; Pelouch, Vaclav; Korecky, Borivoj; Vetter, Roland
 CS Inst. Physiol., Acad. Sci. Czech Republic, Prague, 142 20, Czech.
 SO American Journal of Physiology (1998), 275(1, Pt. 2), H264-H273
 CODEN: AJPHAP; ISSN: 0002-9513
 PB American Physiological Society
 DT Journal
 LA English
 RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 40 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:311339 CAPLUS
 DN 129:106870
 TI Functional differences in ionic regulation between alternatively spliced isoforms of the Na⁺-Ca²⁺ exchanger from Drosophila melanogaster
 AU Omelchenko, Alexander; Dyck, Christopher; Hnatowich, Mark; Buchko, John; Nicoll, Debora A.; Philipson, Kenneth D.; Hryshko, Larry V.
 CS Institute of Cardiovascular Sciences, St. Boniface General Hospital Research Centre, Winnipeg, MB, R2H 2A6, Can.
 SO Journal of General Physiology (1998), 111(5), 691-702
 CODEN: JGPLAD; ISSN: 0022-1295
 PB Rockefeller University Press
 DT Journal
 LA English
 RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 41 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:223620 CAPLUS
 DN 129:1331
 TI Cloning of the multipartite promoter of the ****sodium**** - ****calcium**** ****exchanger**** gene NCX1 and characterization of its activity in vascular smooth muscle cells
 AU Scheller, Timo; Kraev, Alexander; Skinner, Sven; Carafoli, Ernesto
 CS Institute of Biochemistry, Swiss Federal Institute of Technology (ETH), Zurich, 8092, Switz.
 SO Journal of Biological Chemistry (1998), 273(13), 7643-7649
 CODEN: JBCHA3; ISSN: 0021-9258
 PB American Society for Biochemistry and Molecular Biology
 DT Journal
 LA English
 RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 42 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:214005 CAPLUS
 DN 129:3068
 TI Calcium extrusion from ****mammalian**** photoreceptor terminals
 AU Morgans, Catherine W.; El Far, Oussama; Berntson, Amy; Wassle, Heinz; Taylor, W. Rowland
 CS Department of Neuroanatomy, Max-Planck-Institute fur Hirnforschung, Frankfurt, D-60528, Germany

SO Journal of Neuroscience (1998), 18(7), 2467-2474

CODEN: JNRSDS; ISSN: 0 -6474

PB Society for Neuroscience

DT Journal

LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 43 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:206907 CAPLUS

DN 129:14696

TI Expressional analysis of the cardiac Na-Ca exchanger in rat development and senescence

AU Koban, Maren U.; Moorman, Antoon F. M.; Holtz, Jurgen; Yacoub, Magdi H.; Boheler, Kenneth R.

CS ICSM, National Heart and Lung Institute, London, SW3 6LY, UK

SO Cardiovascular Research (1998), 37(2), 405-423

CODEN: CVREAU; ISSN: 0008-6363

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 70 THERE ARE 70 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 44 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:168174 CAPLUS

DN 128:293133

TI Identification of alternatively spliced Na⁺-Ca²⁺ exchanger isoforms expressed in the heart

AU Kim, Injune; Koh, Gou Young; Lee, Chin O.

CS Department of Life Science, Pohang University of Science and Technology, Pohang, 790-784, S. Korea

SO Comparative Biochemistry and Physiology, Part B: Biochemistry & Molecular Biology (1998), 119B(1), 157-161

CODEN: CBPBB8; ISSN: 0305-0491

PB Elsevier Science Inc.

DT Journal

LA English

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 45 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:12699 CAPLUS

DN 128:113240

TI A conservation principle and its effect on the formulation of Na-Ca exchanger current in cardiac cells

AU Varghese, Anthony; Sell, George R.

CS AHPCRC, University of Minnesota, Minneapolis, MN, 55415, USA

SO Journal of Theoretical Biology (1997), 189(1), 33-40

CODEN: JTBIAP; ISSN: 0022-5193

PB Academic Press Ltd.

DT Journal

LA English

RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 46 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:795505 CAPLUS

DN 128:100129

TI Immunolocalization of the Na⁺-Ca²⁺ exchanger in ***mammalian*** myelinated axons

AU Steffensen, Isabella; Waxman, Stephen G.; Mills, Linda; Stys, Peter K.

CS Carling Ave., Loeb Medical Research Institute, Neurosciences, Ottawa Civic Hospital, Ottawa, Ont. K1Y 4E9, 1053, Can.

SO Brain Research (1997), 776(1,2), 1-9

CODEN: BRREAP; ISSN: 0006-8993

PB Elsevier Science B.V.

DT Journal

LA English

L2 ANSWER 47 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:725374 CAPLUS

DN 128:46260

TI Subcellular distribution of ankyrin in developing rabbit heart-relationship to the Na⁺-Ca²⁺ exchanger

AU Chen, Fuhua; Mottino, Giuliano; Shin, Victoria; Frank, Joy S.

CS School of Medicine, University of California Los Angeles, Los Angeles, CA,
90095-1760, USA
SO Journal of Molecular and Cellular Cardiology (1997), 29(10), 2621-2629
CODEN: JMCDAJ; ISSN: 0022-2828
PB Academic
DT Journal
LA English
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 48 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:625515 CAPLUS
DN 127:260542
TI Perinatal maturation of myocardial contraction: the role of Na⁺-Ca²⁺
exchange
AU Haddock, Peter S.; Coetzee, William A.; Nakamura, Tomoe Y.; Balaguru,
Durisamy; Boerth, Scott R.; Artman, Michael
CS Department of Pharmacology, University of South Alabama College of
Medicine, Mobile, AL, 36688, USA
SO Developing Heart (1997), 231-245. Editor(s): Ostadal, Bohuslav.
Publisher: Lippincott-Raven, Philadelphia, Pa.
CODEN: 65BTA3
DT Conference; General Review
LA English

L2 ANSWER 49 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:625513 CAPLUS
DN 127:260540
TI Biochemical basis of calcium handling in developing myocardium
AU Nijjar, Mohinder S.; Dhalla, Naranjan S.
CS Institute of Cardiovascular Sciences, St. Boniface General Hospital
Research Centre, Faculty of Medicine, University of Manitoba, Winnipeg,
MB, R2H 2A6, Can.
SO Developing Heart (1997), 189-217. Editor(s): Ostadal, Bohuslav.
Publisher: Lippincott-Raven, Philadelphia, Pa.
CODEN: 65BTA3
DT Conference; General Review
LA English

L2 ANSWER 50 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:520806 CAPLUS
DN 127:203231
TI Na⁺/Ca²⁺ exchanger in Drosophila: cloning, expression, and transport
differences
AU Ruknudin, Abdul; Valdivia, Carmen; Kofuji, Paulo; Lederer, W. J.; Schulze,
Dan H.
CS Department of Microbiology and Immunology, University of Maryland School
of Medicine and Medical Biotechnology Center, Baltimore, MD, 21201, USA
SO American Journal of Physiology (1997), 273(1, Pt. 1), C257-C265
CODEN: AJPHAP; ISSN: 0002-9513
PB American Physiological Society
DT Journal
LA English

L2 ANSWER 51 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:377544 CAPLUS
DN 127:120212
TI Expression and function of the cardiac Na⁺/Ca²⁺ exchanger in postnatal
development of rat, in experimental-induced cardiac hypertrophy and in the
failing human heart
AU Studer, Roland; Reinecke, Hans; Vetter, Roland; Holtz, Jurgen; Drexler,
Helmut
CS Klinik Innere Medizin III, Univ. Freiburg, Freiburg/Br., D-79106, Germany
SO Basic Research in Cardiology (1997), 92(Suppl. 1), 53-5^o
CODEN: BRCAB7; ISSN: 0300-8428
PB Steinkopff
DT Journal
LA English

L2 ANSWER 52 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:326920 CAPLUS
DN 127:48102
TI Tissue specificity and alternative splicing of the Na⁺/Ca²⁺ exchanger
isoforms NCX1, NCX2, and NCX3 in rat
AU Quednau, Beate D.; Nicoll, Debora A.; Philipson, Kenneth D.
CS Departments Physiology Medicine and Cardiovascular Research Laboratories,

School Medicine, University California, Los Angeles, Los Angeles, CA,
90095-1760, USA

SO American Journal of Physiology (1997), 272(4, Pt. 1), C1250-C1261
CODEN: AJPHAP; ISSN: 0002-9513

PB American Physiological Society
DT Journal
LA English

L2 ANSWER 53 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:305929 CAPLUS
DN 126:341357
TI Molecular anatomy of the node of Ranvier: newer concepts
AU Waxman, Stephen G.
CS Department of Neurology, Yale University School of Medicine, New Haven,
CT, USA
SO Neurobiology of Disease (1996), 13-28. Editor(s): Bostock, H.; Kirkwood,
P. A.; Pullen, A. H. Publisher: Cambridge University Press, Cambridge, UK.
CODEN: 64IVA3
DT Conference; General Review
LA English

L2 ANSWER 54 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:278349 CAPLUS
DN 126:315370
TI Contribution of the ***sodium*** - ***calcium*** ***exchanger***
to contractions in immature rabbit ventricular myocytes
AU Chin, Thomas K.; Christiansen, Gregory A.; Caldwell, Jon G.; Thorburn,
Jacqueline
CS Department of Pediatrics, University of Utah Health Sciences Center, Salt
Lake City, UT, 84113, USA
SO Pediatric Research (1997), 41(4, Pt. 1), 480-485
CODEN: PEREBL; ISSN: 0031-3998
PB Williams & Wilkins
DT Journal
LA English

L2 ANSWER 55 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:617189 CAPLUS
DN 125:267114
TI The organization of the human gene NCX1 encoding the ***sodium*** -
calcium ***exchanger***
AU Kraev, Alexander; Chumakov, Ilya; Carafoli, Ernesto
CS Inst. Biochem., Swiss Federal Int. Technology (ETH), Zurich, 8092, Switz.
SO Genomics (1996), 37(1), 105-112
CODEN: GNMCEP; ISSN: 0888-7543
PB Academic
DT Journal
LA English

L2 ANSWER 56 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:613382 CAPLUS
DN 125:267098
TI Cloning of a third ***mammalian*** Na⁺-Ca²⁺ exchanger, NCX3
AU Nicoll, Debora A.; Quednau, Beate D.; Qui, Zhiyong; Xia, Yu-Rong; Lusi,
Aldons J.; Philipson, Kenneth D.
CS Dep. Physiol. Med., Univ. California, Los Angeles Sch. Med., Los Angeles,
CA, 90095-1760, USA
SO Journal of Biological Chemistry (1996), 271(40), 24914-24921
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English

L2 ANSWER 57 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:432904 CAPLUS
DN 125:77089
TI Ontogeny and hormonal regulation of cardiac Na⁺-Ca²⁺ exchanger expression
in rabbits
AU Boerth, Scott R.; Coetzee, William A.; Artman, Michael
CS School of Medicine, New York University, New York, NY, 10016, USA
SO Annals of the New York Academy of Sciences (1996), 779(sodium-calcium
Exchange), 536-538
CODEN: ANYAA9; ISSN: 0077-8923
PB New York Academy of Sciences
DT Journal
LA English

L2 ANSWER 58 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1996:432855 CAPLUS
 DN 125:110782
 TI Localization of the Na⁺-Ca²⁺ exchanger in vascular smooth muscle, and in neurons and astrocytes
 AU Juhaszova, Magdalena; Shimizu, Hiroshi; Borin, Mikhail L.; Yip, Rick K.; Santiago, Eligio M.; Lindenmayer, George E.; Blaustein, Mordecai P.
 CS School of Medicine, University of Maryland, Baltimore, MD, 21201, USA
 SO Annals of the New York Academy of Sciences (1996), 779(Sodium-Calcium Exchange), 318-335
 CODEN: ANYAA9; ISSN: 0077-8923
 PB New York Academy of Sciences
 DT Journal; General Review
 LA English

L2 ANSWER 59 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1996:432792 CAPLUS
 DN 125:106626
 TI Alternative splicing of the Na⁺-Ca²⁺ exchanger gene, NCX1
 AU Schulze, D. H.; Kofuji, P.; Valdivia, C.; He, S.; Luo, S.; Ruknudin, A.; Wisel, S.; Kirby, M. S.; duBell, W.; Lederer, W. J.
 CS School of Medicine, University of Maryland, Baltimore, MD, 21201, USA
 SO Annals of the New York Academy of Sciences (1996), 779(Sodium-Calcium Exchange), 46-57
 CODEN: ANYAA9; ISSN: 0077-8923
 PB New York Academy of Sciences
 DT Journal
 LA English

L2 ANSWER 60 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1996:432790 CAPLUS
 DN 125:138226
 TI A new splicing variant in the frog heart sarcolemmal Na-Ca exchanger creates a putative ATP-binding site
 AU Iwata, Tomoko; Kraev, Alexander; Guerini, Danilo; Carafoli, Ernesto
 CS Institute of Biochemistry, Swiss Federal Institute of Technology, Zurich, 8092, Switz.
 SO Annals of the New York Academy of Sciences (1996), 779(Sodium-Calcium Exchange), 37-45
 CODEN: ANYAA9; ISSN: 0077-8923
 PB New York Academy of Sciences
 DT Journal
 LA English

L2 ANSWER 61 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1996:276287 CAPLUS
 DN 124:308117
 TI Thyroid hormone regulates Na⁺-Ca²⁺ exchanger expression during postnatal maturation and in adult rabbit ventricular myocardium
 AU Boerth, Scott R.; Artman, Michael
 CS College Medicine, University South Alabama, Mobile, AL, USA
 SO Cardiovascular Research (1996), 31(Extra Issue), E145-E152
 CODEN: CVREAU; ISSN: 0008-6363
 PB Elsevier
 DT Journal
 LA English

L2 ANSWER 62 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1995:914099 CAPLUS
 DN 123:311035
 TI Expression of the sarcolemmal ***sodium*** - ***calcium***
 exchanger during perinatal cardiac development
 AU Boerth, Scott Robert
 CS Univ. of South Alabama, Mobile, AL, USA
 SO (1995) No pp. given Avail.: Univ. Microfilms Int., Order No. DA9527820
 From: Diss. Abstr. Int., B 1995, 56(4), 1869
 DT Dissertation
 LA English

L2 ANSWER 63 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1995:831834 CAPLUS
 DN 123:224385
 TI Reciprocal regulation of cardiac Na-K-ATPase and Na/Ca exchanger: hypertension, thyroid hormone, development
 AU Magyar, Clara E.; Wang, Jiangnan; Azuma, Kay K.; McDonough, Alicia A.

CS Dep. Physiol. Biophys., Univ. Southern California Sch. Med., Los Angeles,
CA, 90033, USA
SO American Journal of Physiology (1995), 269(3, Pt. 1), C675-C682
CODEN: AJPHAP; ISSN: 0002-9513
PB American Physiological Society
DT Journal
LA English

L2 ANSWER 64 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1995:781314 CAPLUS
DN 123:194769
TI Reciprocal changes in the postnatal expression of the sarcolemmal
Na⁺-Ca²⁺-exchanger and SERCA2 in rat heart
AU Vetter, Roland; Studer, Roland; Reinecke, Hans; Kolar, Frantisek;
Ostadalova, Ivana; Drexler, Helmut
CS Max Delbrueck Center for Molecular Medicine, Berlin, D-13122, Germany
SO Journal of Molecular and Cellular Cardiology (1995), 27(8), 1689-701
CODEN: JMCDAJ; ISSN: 0022-2828
PB Academic
DT Journal
LA English

L2 ANSWER 65 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1995:507331 CAPLUS
DN 122:262426
TI New concepts in the cardioprotective action of magnesium and taurine
during the calcium paradox and ischemia of the heart
AU Suleiman, M.-S.
CS Dep. Physiology, Univ. Bristol, Bristol, BS2 8EJ, UK
SO Magnesium Research (1994), 7(3/4), 295-312
CODEN: MAGREF; ISSN: 0953-1424
PB Libbey
DT Journal; General Review
LA English

L2 ANSWER 66 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1994:677414 CAPLUS
DN 121:277414
TI Effects of rapid changes of external Na⁺ concentration at different
moments during the action potential in guinea pig myocytes
AU Le Guennec, Jean-Yves; Noble, Denis
CS Univ. Lab. Phys., Univ. Oxford, Oxford, OX1 3PT, UK
SO Journal of Physiology (Cambridge, United Kingdom) (1994), 478(3), 493-504
CODEN: JPHYA7; ISSN: 0022-3751
DT Journal
LA English

L2 ANSWER 67 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1993:230772 CAPLUS
DN 118:230772
TI Expression of the ***sodium*** - ***calcium*** ***exchanger***
in diverse tissues: A study using the cloned human cardiac ***sodium***
- ***calcium*** ***exchanger***
AU Kofuji, Paulo; Hadley, Robert W.; Kieval, Robert S.; Lederer, W. J.;
Schulze, Dan H.
CS Sch. Med., Univ. Maryland, Baltimore, MD, 21201, USA
SO American Journal of Physiology (1992), 263(6, Pt. 1), C1241-C1249
CODEN: AJPHAP; ISSN: 0002-9513
DT Journal
LA English

L2 ANSWER 68 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1993:56834 CAPLUS
DN 118:56834
TI Presynaptic localization of ***sodium*** / ***calcium***
exchangers in neuromuscular preparations
AU Luther, Paul W.; Yip, Rick K.; Bloch, Robert J.; Ambesi, Anthony;
Lindenmayer, George E.; Blaustein, Mordecai P.
CS Sch. Med., Univ. Maryland, Baltimore, MD, 21201, USA
SO Journal of Neuroscience (1992), 12(12), 4898-904
CODEN: JNRSDS; ISSN: 0270-6474
DT Journal
LA English

L2 ANSWER 69 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1993:36415 CAPLUS

DN 118:36415
 TI ***Sodium*** - ***calcium*** ***exchanger*** rat proximal
 tubule: gene expression and subcellular localization
 AU Dominguez, Jesus H.; Juhaszova, Magdalena; Kleiboeker, Steven B.; Hale,
 Calvin C.; Feister, Hilary A.
 CS Med. Sch., Indiana Univ., Indianapolis, IN, 46202, USA
 SO American Journal of Physiology (1992), 263(5, Pt. 2), F945-F950
 CODEN: AJPHAP; ISSN: 0002-9513
 DT Journal
 LA English

L2 ANSWER 70 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1992:467880 CAPLUS
 DN 117:67880
 TI Reverse operation of the ***sodium*** - ***calcium***
 exchanger mediates calcium influx during anoxia in
 mammalian CNS white matter
 AU Stys, Peter K.; Waxman, Stephen G.; Ransom, Bruce R.
 CS Sch. Med., Yale Univ., New Haven, CT, 06510, USA
 SO Annals of the New York Academy of Sciences (1991), 639(Sodium-Calcium
 Exch.), 328-32
 CODEN: ANYAA9; ISSN: 0077-8923
 DT Journal
 LA English

L2 ANSWER 71 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1992:211592 CAPLUS
 DN 116:211592
 TI Distribution of the sodium-calcium exchange protein in ***mammalian***
 cardiac myocytes: an immunofluorescence and immunocolloidal gold-labeling
 study
 AU Frank, J. S.; Mottino, G.; Reid, D.; Molday, R. S.; Philipson, K. D.
 CS Sch. Med., UCLA, Los Angeles, CA, 90024-1760, USA
 SO Journal of Cell Biology (1992), 117(2), 337-45
 CODEN: JCLBA3; ISSN: 0021-9525
 DT Journal
 LA English

L2 ANSWER 72 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1992:191636 CAPLUS
 DN 116:191636
 TI At least three functional isoforms of the cardiac ***sodium*** -
 calcium ***exchanger*** exist
 AU Drubaix, I.; Kassis, N.; Lelievre, L. G.
 CS Lab. Pharmacol. Transp. Ioniques Membr., Univ. Paris 7, Paris, 75251, Fr.
 SO Annals of the New York Academy of Sciences (1991), 639(Sodium-Calcium
 Exch.), 248-9
 CODEN: ANYAA9; ISSN: 0077-8923
 DT Journal
 LA English

L2 ANSWER 73 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1992:171489 CAPLUS
 DN 116:171489
 TI Ionic mechanisms of anoxic injury in ***mammalian*** CNS white matter:
 role of sodium channels and ***sodium*** - ***calcium***
 exchanger
 AU Stys, Peter K.; Waxman, Stephen G.; Ransom, Bruce R.
 CS Sch. Med., Yale Univ., New Haven, CT, 06510, USA
 SO Journal of Neuroscience (1992), 12(2), 430-9
 CODEN: JNRSDS; ISSN: 0270-6474
 DT Journal
 LA English

L2 ANSWER 74 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1992:56650 CAPLUS
 DN 116:56650
 TI ***Sodium*** - ***calcium*** ***exchanger*** mediates calcium
 influx during anoxia in ***mammalian*** central nervous system white
 matter
 AU Stys, Peter K.; Waxman, Stephen G.; Ransom, Bruce R.
 CS Sch. Med., Yale Univ., New Haven, CT, 06510, USA
 SO Annals of Neurology (1991), 30(3), 375-80
 CODEN: ANNED3; ISSN: 0364-5134
 DT Journal
 LA English

L2 ANSWER 75 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1991:580101 CAPLUS
DN 115:180101
TI Expression of renal sodium-calcium exchange activity in *Xenopus laevis*
oocytes
AU Milovanovic, Snezana; Frindt, Gustavo; Tate, Suresh S.; Windhager, Erich
E.
CS Med. Coll., Cornell Univ., New York, NY, 10021, USA
SO American Journal of Physiology (1991), 261(2, Pt. 2), F207-F212
CODEN: AJPHAP; ISSN: 0002-9513
DT Journal
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L2 ANSWER 76 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1991:138165 CAPLUS
DN 114:138165
TI Effect of temperature on sodium-calcium exchange in sarcolemma from
mammalian and amphibian hearts
AU Bersohn, Malcolm M.; Vemuri, Ramesh; Schuil, Duane W.; Weiss, Roberta S.;
Philipson, Kenneth D.
CS Cardiol. Sect., West Los Angeles Veterans Aff. Med. Cent., Los Angeles,
CA, 90073, USA
SO Biochimica et Biophysica Acta (1991), 1062(1), 19-23
CODEN: BBACAQ; ISSN: 0006-3002
DT Journal
LA English

L2 ANSWER 77 OF 77 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1990:134614 CAPLUS
DN 112:134614
TI Effect of Quin-2 on calcium-45 ion uptake mediated by sodium/calcium
exchange and calcium-45 ion efflux in rat brain synaptosomes: a
requirement for [calcium]_i
AU Blanco, P.; Martinez-Serrano, A.; Bogonez, E.; Satrustegui, J.
CS Cent. Biol. Mol., Univ. Auton. Madrid, Madrid, Spain
SO Cell Calcium (1990), 11(1), 25-33
CODEN: CECADV; ISSN: 0143-4160
DT Journal
LA English
STN INTERNATIONAL LOGOFF AT 17:14:10 ON 16 SEP 2003